

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A likeness drawing apparatus for creating a portrait by combining portrait parts, which comprises:

a selection order input unit for inputting one or more identifiers (IDs) of the portrait parts;

a parts storage unit for storing said IDs and images of said portrait parts;

a parts selection unit for reading out said images in accordance with said ID;

a deformation order input unit for inputting deformation orders for deforming said images by selecting at least one operation among movement, rotation, inversion, expansion, and compression;

an edition order input unit for inputting edition orders, in the form of a sequence of coordinates of at least one of a segment and a dot train, to edit dots and/or ~~lines on said images~~ said segment and/or said dot train;

a computation unit for deforming and editing said images in accordance with said deformation orders and said edition orders;

and a display unit for displaying a portrait created by said computation unit.

2. (original): The likeness drawing apparatus according to claim 1,

which further comprises a registration order input unit for

inputting registration identifiers (IDs), wherein:

said computation unit returns deformed images of said

portrait parts to said parts selection unit;

said parts storage unit stores said deformed images together

with said registration IDs for said deformed images.

3. (original): The likeness drawing apparatus according to claim 1,

which further comprises a parts generation unit connected with

said parts selection unit, wherein:

said parts generation unit generates new portrait parts and new portrait parts identifies

(IDs); and

said parts storage unit stores said new portrait parts and said new portrait parts identifies

(IDs).

4. (original): The likeness drawing apparatus according to claim 1, wherein said computation unit:

selects one or more parts in the created portrait:

executes inverse transformation on the basis of said deformation orders:

transfers the result of said inverse transformation to said parts selection unit;

deforms said result of said inverse transformation on the basis of another deformation orders.

5. (currently amended): A likeness drawing apparatus for creating a portrait by combining portrait parts, which comprises:

a selection order input unit for inputting one or more identifiers (IDs) of the portrait parts;

a parts storage unit for storing said IDs and images of said portrait parts;

a parts selection unit for reading out said images in accordance with said ID;

a deformation order input unit for inputting deformation orders for deforming said images by selecting one of operations among movement, rotation, inversion, expansion, or compression;

an edition order input unit for inputting edition orders, in the form of a sequence of coordinates of at least one of a segment and a dot train, to edit dots and /or ~~lines on said images~~ said segment and/or said dot train;

a computation unit for deforming and editing said images in

accordance with said deformation orders and said edition orders;

and a display unit for displaying a portrait created by said computation unit.

6. (currently amended): A likeness drawing apparatus for creating a portrait by combining portrait parts, which comprises:

a selection order input unit for inputting one or more identifiers (IDs) of the portrait parts;

a parts storage unit for storing said IDs and images of said portrait parts;

a parts selection unit for reading out said images in accordance with said ID;

an edition order input unit for inputting edition orders, in the form of a sequence of coordinates of at least one of a segment and a dot train, to edit dots and /or ~~lines on said images~~ said segment and/or said dot train;

a computation unit for deforming and editing said images in accordance with said edition orders;

and a display unit for displaying a portrait created by said computation unit.

7. (currently amended): A likeness drawing method for creating a portrait by combining portrait parts, which comprises the steps of:

inputting an identifier (ID) of a part of said portrait;

reading out an image of said part from a parts storage unit for storing pairs of said part IDs and part images;

inputting an order for deforming said image by using at least one operation among movement, rotation, inversion, expansion, and compression;

inputting an edition order, in the form of a sequence of coordinates of at least one of a segment and a dot train, for editing dots and/or said segment ~~segments and or~~ and/or said dot train ~~trains~~ on said image;

deforming and editing said image in accordance with said deformation order and said edition order; and displaying a result of said deforming and editing.

8. (Canceled).

9. (previously presented): The likeness drawing apparatus according to claim 1, wherein

said edition order input unit is a unit for inputting the edition order to edit a segment and/or dot train on images of parts by addition or partial erasing.

10. (Canceled).

AMENDMENT UNDER 37 C.F.R. § 1.111
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11. (previously presented): The likeness drawing method according to claim 7,
wherein

said step of inputting edition order is a step of inputting the edition order to edit a
segment and/or dot train on images of parts by addition or partial erasing.

12. (Canceled).

13. (Canceled).

14. (previously presented): The likeness drawing apparatus according to claim 5,
wherein

said edition order input unit is a unit for inputting the edition order to edit a segment
and/or dot train on images of parts by addition or partial erasing.

15. (previously presented): The likeness drawing apparatus according to claim 6,
wherein

said edition order input unit is a unit for inputting the edition order to edit a segment
and/or dot train on images of parts by addition or partial erasing.